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April 28, 2017

VIA ELECTRONIC FILING

The Honorable Jocelyn G. Boyd
Chief Clerk/Administrator
Public Service Commission of South Carolina
101 Executive Center Drive, Suite 100
Columbia, South Carolina 29210

Re: **Duke Energy Progress, LLC – Monthly Fuel Report**
Docket No. 2006-176-E

Dear Mrs. Boyd:

Pursuant to the Commission's Orders in Docket No. 1977-354-E, enclosed for filing is Duke Energy Progress, LLC's Monthly Fuel Report in Docket No. 2006-176-E for the month of March 2017.

Should you have any questions regarding this matter, please do not hesitate to contact me at 803-988-7130.

Sincerely,

Rebecca J. Dulin

Enclosure

cc: Ms. Dawn Hipp, Office of Regulatory Staff
Mr. Jeffrey M. Nelson, Office of Regulatory Staff
Ms. Shannon Bowyer Hudson, Office of Regulatory Staff
Ms. Nanette Edwards, Office of Regulatory Staff
Michael Seaman-Huynh, Office of Regulatory Staff
Ms. Heather Shirley Smith, Duke Energy
Mr. Scott Elliott, Elliott & Elliott, P.A.
Mr. Garrett Stone, Brickfield, Burchette, Ritts & Stone, PC
Mr. Gary Walsh, Walsh Consulting, LLC

Duke Energy Progress
Summary of Monthly Fuel Report

Schedule 1

Line No.	Item		March 2017
1	Fuel and Fuel-related Costs excluding DERP incremental costs	$	131,755,008
	MWH sales:		
2	Total System Sales		4,924,762
3	Less intersystem sales		281,366
4	Total sales less intersystem sales		4,643,396
5	Total fuel and fuel-related costs (¢/KWH) (Line 1/Line 4)		2.8375
6	Current fuel & fuel-related cost component (¢/KWH) (per Schedule 4)		2.3708
	Generation Mix (MWH):		
	Fossil (By Primary Fuel Type):		
7	Coal		654,479
8	Oil		7,534
9	Natural Gas - Combustion Turbine		205,440
10	Natural Gas - Combined Cycle		1,798,274
11	Total Fossil		2,665,728
12	Nuclear		1,700,086
13	Hydro - Conventional		33,875
14	Solar Distributed Generation		24,799
15	Total MWH generation		4,424,488

Note: Detail amounts may not add to totals shown due to rounding.

Schedule 2

Duke Energy Progress
Details of Fuel and Fuel-Related Costs

Description		March 2017
Fuel and Fuel-Related Costs:		
Steam Generation - Account 501		
0501110 coal consumed - steam		22,256,568
0501310 fuel oil consumed - steam		991,797
Total Steam Generation - Account 501		23,248,365
Nuclear Generation - Account 518		
0518100 burnup of owned fuel		11,488,530
0518600 - Disposal Cost		-
Total Nuclear Generation - Account 518		11,488,530
Other Generation - Account 547		
0547000 natural gas consumed - Combustion Turbine		8,150,342
0547000 natural gas consumed - Combined Cycle		51,766,200
0547200 fuel oil consumed		263,837
Total Other Generation - Account 547		60,180,379
Purchased Power and Net Interchange - Account 555		
Fuel and fuel-related component of purchased power		38,806,948
PURPA purchased power capacity		4,466,707
Total Purchased Power and Net Interchange - Account 555		43,273,655
Less fuel and fuel-related costs recovered through intersystem sales - Account 447		7,452,627
Total Costs Included in Base Fuel Component	$	130,738,301
Environmental Costs		
0509030, 0509212, 0557451 emission allowance expense	$	844
0502020, 0502030, 0502040, 0502080, 0502090, 0548020 reagents expense		1,121,960
Emission Allowance Gains		(10,000)
Less reagents expense recovered through intersystem sales - Account 447		66,877
Less emissions expense recovered through intersystem sales - Account 447		29,220
Total Costs Included in Environmental Component		1,016,706
Fuel and Fuel-related Costs excluding DERP incremental costs	$	131,755,008
DERP Incremental Costs		67,819
Total Fuel and Fuel-related Costs	$	131,822,827

Notes: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY PROGRESS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA

MARCH 2017

Purchased Power	Total	Capacity	Non-capacity		
Marketers, Utilities, Other	$	$	mWh	Fuel $	Non-fuel $
DE Carolinas - Emergency	$ 13,590	-	183	$ 8,290	$ 5,300
Broad River Energy, LLC.	3,702,114	$ 1,050,012	56,855	2,652,102	-
City of Fayetteville	720,627	714,375	-	6,252	-
Haywood EMC	29,850	29,850	-	-	-
NCEMC	3,466,508	2,654,445	19,076	812,063	-
PJM Interconnection, LLC.	(267,539)	-	1,462	(267,539)	-
Smurfit Stone Container Corp	16,967	-	503	16,967	-
Southern Company Services	4,183,906	772,044	108,992	3,411,862	-
DE Carolinas - Native Load Transfer	9,973,251	-	352,735	9,974,838	(1,587)
DE Carolinas - Native Load Transfer Benefit	664,725	-	-	664,725	-
DE Carolinas - Fees	(88,789)	-	-	(88,789)	-
Generation Imbalance	1,462		43	892	570
	$ 22,416,672	**$ 5,220,726**	**539,849**	**$ 17,191,663**	**$ 4,283**
Act 236 PURPA Purchases					
Renewable Energy	18,346,502	-	277,842	18,346,502	-
Other Qualifying Facilities	7,735,490	-	127,990	7,735,490	-
	$ 26,081,992	**$ -**	**405,832**	**$ 26,081,992**	**$ -**
Total Purchased Power	**$ 48,498,664**	**$ 5,220,726**	**945,681**	**$ 43,273,655**	**$ 4,283**

NOTE: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY PROGRESS
INTERSYSTEM SALES*
SOUTH CAROLINA

MARCH 2017

	Total	Capacity	Non-capacity		
Sales	$	$	mWh	Fuel $	Non-fuel $
Market Based:					
NCEMC Purchase Power Agreement	$ 1,220,272	$ 652,500	15,274	$ 595,503	$ (27,731)
PJM Interconnection, LLC.	27,253	-	584	18,360	8,893
Other:					
DE Carolinas - Native Load Transfer Benefit	$ 134,868	-	-	$ 134,868	-
DE Carolinas - Native Load Transfer	7,064,004	-	265,506	6,799,993	$ 264,011
Generation Imbalance	60	-	2	-	60
Total Intersystem Sales	**$ 8,446,457**	**$ 652,500**	**281,366**	**$ 7,548,724**	**$ 245,233**

* Sales for resale other than native load priority.

NOTE: Detail amounts may not add to totals shown due to rounding.

Duke Energy Progress
Over / (Under) Recovery of Fuel Costs
March 2017

Line No.			Total Residential	General Service Non-Demand	Demand	Lighting	Total
1	Actual System kWh sales	Input					4,643,396,027
2	DERP Net Metered kWh generation	Input					160,035
3	Adjusted System kWh sales	L1 + L2					4,643,556,062
4	Actual S.C. Retail kWh sales	Input	155,728,866	20,052,032	252,940,241	7,125,059	435,846,198
5	DERP Net Metered kWh generation	Input	113,247	6,908	39,881		160,035
6	Adjusted S.C. Retail kWh sales	L4 + L5	155,842,113	20,058,940	252,980,122	7,125,059	436,006,233
7	Actual S.C. Demand units (kw)	L32 / 31b *100			662,683		
	Base fuel component of recovery - non-capacity						
8	Incurred System base fuel - non-capacity expense	Input					$126,271,594
9	Eliminate avoided fuel benefit of S.C. net metering	Input					$5,264
10	Adjusted Incurred System base fuel - non-capacity expense	L8 + L9					$126,276,859
11	Adjusted Incurred System base fuel - non-capacity rate (¢/kWh)	L10 / L3 * 100					2.719
12	S.C. Retail portion of adjusted incurred system expense	L6 * L11 / 100	$4,237,970	$545,483	$6,879,541	$193,759	$11,856,753
13	Assign 100 % of Avoided Fuel Benefit of S.C net metering	Input	($2,821)	($285)	($2,158)	$0	($5,264)
14	S.C. Retail portion of incurred system expense	L12 + L13	$4,235,149	$545,198	$6,877,383	$193,759	$11,851,489
15	Billed base fuel - non-capacity rate (¢/kWh) - Note 1	Input	2.230	2.229	2.229	2.229	2.229
16	Billed base fuel - non-capacity revenue	L4 * L15 /100	$3,472,423	$446,960	$5,638,038	$158,818	$9,716,239
17	DERP NEM incentive - fuel component	Input	($673)	($68)	($515)	$0	($1,255)
18	Adjusted S.C. billed base fuel - non-capacity revenue	L16 + L17	$3,471,750	$446,892	$5,637,523	$158,818	$9,714,984
19	S.C. base fuel - non-capacity over/(under) recovery	L18 - L14	($763,399)	($98,306)	($1,239,859)	($34,941)	($2,136,505)
20	Adjustment - Economic Purchases	Input	$0	$0	$0	$0	$0
21	Total S.C. base fuel - non-capacity over/(under) recovery	L19 + L20	($763,399)	($98,306)	($1,239,859)	($34,941)	($2,136,505)
	Base fuel component of recovery - capacity						
22a	Incurred base fuel - capacity rates by class (¢/kWh)	L23 / L4 * 100	0.144	0.113			
22b	Incurred base fuel - capacity rate (¢/kW)	L23 / L7 * 100			26		
23	Incurred S.C. base fuel - capacity expense	Input	$224,689	$22,668	$171,904		$419,261
24a	Billed base fuel - capacity rates by class (¢/kWh)	Input	0.181	0.128			
24b	Billed base fuel - capacity rate (¢/kW)	Input			30		
25	Billed S.C. base fuel - capacity revenue	L24a * L4 /100	$281,381	$25,667	$ 198,804	$0	$505,852
26	S.C. base fuel - capacity over/(under) recovery	L25 - L23	$56,692	$2,999	$ 26,900	$0	$86,591
27	Adjustment	Input	$0	$0	$0	$0	$0
28	Total S.C. base fuel - capacity over/(under) recovery	L26 + L27	$56,692	$2,999	$26,900	$0	$86,591
	Environmental component of recovery						
29a	Incurred environmental rates by class (¢/kWh)	L30 / L4 * 100	0.033	0.026			
29b	Incurred environmental rate (¢/kW)	L30 / L7 * 100			6		
30	Incurred S.C. environmental expense	Input	$51,143	$5,160	$39,129		$95,432
31a	Billed environmental rates by class (¢/kWh)	Input	0.042	0.031			
31b	Billed environmental rate (¢/kW)	Input			6		
32	Billed S.C. environmental revenue	L31a * L4 /100	$64,934	$6,216	$ 39,761		$110,911
33	S.C. environmental over/(under) recovery	L32 - L30	$13,791	$1,056	$ 632	$0	$15,479
34	Adjustment	Input	$0	$0	$0	$0	$0
35	Total S.C. environmental over/(under) recovery	L33 + L34	$13,791	$1,056	$632	$0	$15,479
36	Total over / (under) recovery	L21 + L28 + L35	($692,916)	($94,251)	($1,212,327)	($34,941)	($2,034,435)

Duke Energy Progress
Over / (Under) Recovery of Fuel Costs
March 2017

Year 2016-2017

	Cumulative over / (under) recovery	Cumulative	Total Residential	General Service Non-Demand	Demand	Lighting	Subtotal	Prior Period Adjustments	Total
	Balance ending February 2016	(8,178,450)							
	March 2016 - actual	(5,113,937)	$1,257,169	$149,823	$1,614,366	$43,155	$3,064,513	$0	$3,064,513
_/2	April 2016 - actual	(2,862,055)	$579,097	$91,208	$1,546,143	$35,434	$2,251,882	$0	$2,251,882
	May 2016 - actual	(2,055,487)	$166,326	$33,470	$597,607	$9,165	$806,568	$0	$806,568
_/2	June 2016 - actual	(1,637,768)	$134,334	$21,348	$171,533	$18,077	$345,292	$72,427	$417,719
	July 2016 - actual	(4,666,718)	($1,099,935)	($153,840)	($1,737,737)	($37,438)	($3,028,950)	$0	($3,028,950)
	August 2016 - actual	(6,588,776)	($647,989)	($90,105)	($1,162,202)	($21,762)	($1,922,058)	$0	($1,922,058)
	September 2016 - actual	(6,774,119)	($78,301)	($4,082)	($101,162)	($1,798)	($185,343)	$0	($185,343)
	October 2016 - actual	(7,344,031)	($175,489)	($21,964)	($362,824)	($9,635)	($569,912)	$0	($569,912)
	November 2016 - actual	(7,418,007)	$25,549	$877	($94,569)	($5,833)	($73,976)	$0	($73,976)
_/2	December 2016 - actual	(8,833,804)	($486,437)	($69,145)	($834,208)	($26,007)	($1,415,797)	$0	($1,415,797)
	January 2017 - actual	(8,318,705)	$335,500	$24,481	$154,071	$1,047	$515,099	$0	$515,099
_/2	February 2017 - actual	(7,300,819)	$406,142	$42,679	$557,237	$11,777	$1,017,835	$51	$1,017,886
	March 2017 - actual	(9,335,254)	($692,916)	($94,251)	($1,212,327)	($34,941)	($2,034,435)	$0	($2,034,435)
_/3	April 2017 - forecast	(9,116,934)	$65,923	$11,529	$136,372	$4,496	$218,320	$0	$218,320
_/3	May 2017 - forecast	(8,901,506)	$44,465	$13,825	$152,570	$4,568	$215,428	$0	$215,428
_/3	June 2017 - forecast	(9,601,320)	($223,323)	($30,051)	($436,125)	($10,315)	($699,814)	$0	($699,814)

Line No.			Residential	Commercial	Industrial	Total
Distributed Energy Resource Program component of recovery: incremental costs						
37	Incurred S.C. DERP incremental expense	Input	$36,345	$18,653	$12,821	$67,819
38	Billed S.C. DERP incremental rates by account ($/account)	Input	0.35	0.70	62.56	
39	Billed S.C. DERP incremental revenue	Input	$48,174	$22,565	$16,612	$87,351
40	S.C. DERP incremental over/(under) recovery	L39 - L37	$11,829	$3,912	$3,791	$19,532
41	Adjustment	Input	$0	$0	$0	$0
42	Total S.C. DERP incremental over/(under) recovery	L40 + L41	$11,829	$3,912	$3,791	$19,532

Year 2016-2017

	Cumulative over / (under) recovery	Cumulative	Residential	Commercial	Industrial	Subtotal	Prior Period Adjustments	Total
	Balance ending February 2016	(409,036)						
	March 2016 - actual	(332,983)	$47,587	$24,676	$3,790	$76,053	$0	$76,053
_/2	April 2016 - actual	(239,880)	$57,498	$29,093	$6,512	$93,103	$0	$93,103
	May 2016 - actual	(230,645)	$8,264	$7,454	($6,483)	$9,235	$0	$9,235
	June 2016 - actual	(363,127)	($75,641)	($29,326)	($27,515)	($132,482)	$0	($132,482)
	July 2016 - actual	(227,737)	$76,605	$35,021	$23,764	$135,390	$0	$135,390
	August 2016 - actual	(230,217)	($5,161)	($836)	$3,517	($2,480)	$0	($2,480)
	September 2016 - actual	(236,229)	($6,705)	($1,534)	$2,227	($6,012)	$0	($6,012)
	October 2016 - actual	(239,973)	($5,679)	($1,069)	$3,004	($3,744)	$0	($3,744)
	November 2016 - actual	(248,310)	($7,741)	($2,004)	$1,408	($8,337)	$0	($8,337)
	December 2016 - actual	(252,038)	($4,938)	($759)	$1,969	($3,728)	$0	($3,728)
	January 2017 - actual	(336,374)	($43,703)	($24,640)	($15,993)	($84,336)	$0	($84,336)
	February 2017 - actual	(367,732)	($15,333)	($10,137)	($5,888)	($31,358)	$0	($31,358)
	March 2017 - actual	(348,200)	$11,829	$3,912	$3,791	$19,532	$0	$19,532
_/3	April 2017 - forecast	(405,387)	($28,493)	($18,399)	($10,295)	($57,187)	$0	($57,187)
_/3	May 2017 - forecast	(493,723)	($45,171)	($26,942)	($16,223)	($88,336)	$0	($88,336)
_/3	June 2017 - forecast	(613,648)	($62,085)	($35,631)	($22,209)	($119,925)	$0	($119,925)

Notes:
Detail amounts may not recalculate due to percentages presented as rounded.
_/1 Total residential billed fuel rate is a composite rate reflecting the approved residential rate of 2.246 and RECD 5% discount.
_/2 Includes prior period adjustments.
_/3 Forecast amounts based on low end of range of expected fuel rates.

Duke Energy Progress
Fuel and Fuel Related Cost Report
March 2017

Description	Weatherspoon CT	Lee CC	Sutton CC/CT	Robinson Nuclear	Asheville Steam	Asheville CT	Roxboro Steam	Mayo Steam
Cost of Fuel Purchased ($)								
Coal	-	-	-	-	$3,807,209	-	$8,681,740	$4,068,807
Oil	-	-	-	81,619	1,414	-	618,111	293,178
Gas - CC	-	18,910,532	13,825,841	-	-	-	-	-
Gas - CT	24	-	-	-	-	108,618	-	-
Total	$24	$18,910,532	$13,825,841	$81,619	$3,808,623	$108,618	$9,299,851	$4,361,985
Average Cost of Fuel Purchased (¢/MBTU)								
Coal	-	-	-	-	314.69	-	320.83	320.15
Oil	-	-	-	1,964.83	-	-	1,453.76	1,413.72
Gas - CC	-	408.89	470.51	-	-	-	-	-
Gas - CT	-	-	-	-	-	859.05	-	-
Weighted Average	-	408.89	470.51	1,964.83	314.80	859.05	338.36	337.71
Cost of Fuel Burned ($)								
Coal	-	-	-	-	$4,041,447	-	$11,848,099	$6,367,022
Oil - CC	-	-	-	-	-	-	-	-
Oil - Steam/CT	11,487	-	-	-	62,854	243,236	579,181	349,762
Gas - CC	-	18,910,532	13,825,841	-	-	-	-	-
Gas - CT	24	-	-	-	-	108,618	-	-
Nuclear	-	-	-	-	-	-	-	-
Total	$11,511	$18,910,532	$13,825,841	-	$4,104,301	$351,854	$12,427,280	$6,716,784
Average Cost of Fuel Burned (¢/MBTU)								
Coal	-	-	-	-	288.30	-	316.65	316.35
Oil - CC	-	-	-	-	-	-	-	-
Oil - Steam/CT	1,507.48	-	-	-	1,366.09	1,366.11	1,376.38	1,356.03
Gas - CC	-	408.89	470.51	-	-	-	-	-
Gas - CT	-	-	-	-	-	859.05	-	-
Nuclear	-	-	-	-	-	-	-	-
Weighted Average	1,510.57	408.89	470.51	-	291.82	1,155.55	328.43	329.50
Average Cost of Generation (¢/kWh)								
Coal	-	-	-	-	3.23	-	3.46	3.42
Oil - CC	-	-	-	-	-	-	-	-
Oil - Steam/CT	-	-	-	-	15.35	19.65	15.17	14.64
Gas - CC	-	2.88	3.30	-	-	-	-	-
Gas - CT	-	-	-	-	-	12.30	-	-
Nuclear	-	-	-	-	-	-	-	-
Weighted Average	-	2.88	3.30	-	3.27	16.59	3.58	3.56
Burned MBTU's								
Coal	-	-	-	-	1,401,828	-	3,741,746	2,012,664
Oil - CC	-	-	-	-	-	-	-	-
Oil - Steam/CT	762	-	-	-	4,601	17,805	42,080	25,793
Gas - CC	-	4,624,893	2,938,496	-	-	-	-	-
Gas - CT	-	-	-	-	-	12,644	-	-
Nuclear	-	-	-	-	-	-	-	-
Total	762	4,624,893	2,938,496	-	1,406,429	30,449	3,783,826	2,038,457
Net Generation (mWh)								
Coal	-	-	-	-	125,175	-	342,916	186,388
Oil - CC	-	-	-	-	-	-	-	-
Oil - Steam/CT	(26)	-	(41)	-	409	1,238	3,819	2,389
Gas - CC	-	656,569	419,374	-	-	-	-	-
Gas - CT	(17)	-	-	-	-	883	-	-
Nuclear	-	-	-	(4,247)	-	-	-	-
Hydro (Total System)								
Solar (Total System)								
Total	(43)	656,569	419,333	(4,247)	125,584	2,121	346,735	188,777
Cost of Reagents Consumed ($)								
Ammonia	-	-	-	-	-	-	$111,982	$49,346
Limestone	-	-	-	-	141,689	-	283,577	239,697
Re-emission Chemical	-	-	-	-	-	-	(1,658)	-
Sorbents	-	-	-	-	-	-	85,785	85,168
Urea	-	-	-	-	98,817	-	-	-
Total	-	-	-	-	240,506	-	479,685	374,211

Notes:

Detail amounts may not add to totals shown due to rounding.

Schedule excludes in-transit, terminal and tolling agreement activity.

Cents/MBTU and cents/kWh are not computed when costs and/or net generation is negative.

Fuel cost information on this report does not reflect intercompany sharing of fuel-related merger savings between Duke Energy Carolinas and Duke Energy Progress.

Lee and Wayne oil burn is associated with inventory consumption shown on Schedule 6 for Wayne.

Duke Energy Progress
Fuel and Fuel Related Cost Report
March 2017

Description	Brunswick Nuclear	Blewett CT	Wayne County CT	Darlington CT	Smith Energy Complex CC/CT	Harris Nuclear	Current Month	Total 12 ME March 2017
Cost of Fuel Purchased ($)								
Coal	-	-	-	-	-	-	$16,557,756	$356,398,021
Oil	19,562	-	296	-	-	(3,311)	1,010,869	18,321,926
Gas - CC	-	-	-	-	19,029,827	-	51,766,200	546,454,554
Gas - CT	-	-	398,597	39,782	7,603,321	-	8,150,342	132,482,468
Total	19,562	-	$398,893	$39,782	$26,633,148	(3,311)	$77,485,167	$1,053,656,970
Average Cost of Fuel Purchased (¢/MBTU								
Coal	-	-	-	-	-	-	319.23	316.43
Oil	1,807.95	-	-	-	-	-	1,475.89	1,169.71
Gas - CC	-	-	-	-	369.45	-	407.15	411.55
Gas - CT	-	-	395.82	413.96	371.31	-	375.48	358.28
Weighted Average	1,807.95	-	396.11	413.96	369.98	-	384.73	371.06
Cost of Fuel Burned ($)								
Coal	-	-	-	-	-	-	$22,256,568	$373,206,039
Oil - CC	-	-	-	-	198	-	198	335,390
Oil - Steam/CT	-	8,916	-	-	-	-	1,255,436	16,897,587
Gas - CC	-	-	-	-	19,029,827	-	51,766,200	546,454,554
Gas - CT	-	-	398,597	39,782	7,603,321	-	8,150,342	132,482,468
Nuclear	6,624,782	-	-	-	-	4,863,748	11,488,530	195,998,821
Total	$6,624,782	$8,916	$398,597	$39,782	$26,633,346	$4,863,748	$94,917,274	$1,265,374,860
Average Cost of Fuel Burned (¢/MBTU)								
Coal	-	-	-	-	-	-	311.01	318.45
Oil - CC	-	-	-	-	1,650.00	-	1,650.00	1,838.54
Oil - Steam/CT	-	1,667.52	-	-	-	-	1,370.93	1,326.95
Gas - CC	-	-	-	-	369.45	-	407.15	411.55
Gas - CT	-	-	395.82	413.96	371.31	-	375.48	358.28
Nuclear	63.87	-	-	-	-	65.45	64.53	64.09
Weighted Average	63.87	1,667.52	395.82	413.96	369.98	65.45	237.67	213.00
Average Cost of Generation (¢/kWh)								
Coal	-	-	-	-	-	-	3.40	3.36
Oil - CC	-	-	-	-	19.80	-	19.80	40.73
Oil - Steam/CT	-	-	-	-	-	-	16.66	17.85
Gas - CC	-	-	-	-	2.63	-	2.88	2.92
Gas - CT	-	-	5.35	11.77	3.86	-	3.97	4.04
Nuclear	0.67	-	-	-	-	0.68	0.68	0.68
Weighted Average	0.67	-	5.35	38.25	2.90	0.68	2.15	2.02
Burned MBTU's								
Coal	-	-	-	-	-	-	7,156,238	117,193,940
Oil - CC	-	-	-	-	12	-	12	18,242
Oil - Steam/CT	-	535	-	-	-	-	91,576	1,273,417
Gas - CC	-	-	-	-	5,150,865	-	12,714,254	132,779,863
Gas - CT	-	-	100,702	9,610	2,047,679	-	2,170,635	36,977,753
Nuclear	10,373,004	-	-	-	-	7,431,203	17,804,207	305,824,044
Total	10,373,004	535	100,702	9,610	7,198,556	7,431,203	39,936,922	594,067,259
Net Generation (mWh)								
Coal	-	-	-	-	-	-	654,479	11,114,200
Oil - CC	-	-	-	-	1	-	1	823
Oil - Steam/CT	-	(20)	-	(234)	-	-	7,533	94,649
Gas - CC	-	-	-	-	722,331	-	1,798,274	18,695,952
Gas - CT	-	-	7,447	338	196,789	-	205,440	3,282,999
Nuclear	986,692	-	-	-	-	717,641	1,700,086	29,033,303
Hydro (Total System)							33,875	339,751
Solar (Total System)							24,799	188,088
Total	986,692	(20)	7,447	104	919,121	717,641	4,424,488	62,749,766
Cost of Reagents Consumed ($)								
Ammonia	-	-	-	-	$27,558	-	$188,886	$3,096,440
Limestone	-	-	-	-	-	-	664,963	10,634,944
Re-emission Chemical	-	-	-	-	-	-	(1,658)	115,510
Sorbents	-	-	-	-	-	-	170,953	3,561,655
Urea	-	-	-	-	-	-	98,817	1,027,152
Total	-	-	-	-	27,558	-	1,121,960	18,435,700

Duke Energy Progress
Fuel & Fuel-related Consumption and Inventory Report
March 2017

Description	Weatherspoon	Lee	Sutton	Robinson	Asheville
Coal Data:					
Beginning balance	-	-	-	-	144,698
Tons received during period	-	-	-	-	48,486
Inventory adjustments	-	-	-	-	-
Tons burned during period	-	-	-	-	56,145
Ending balance	-	-	-	-	137,039
MBTUs per ton burned	-	-	-	-	24.97
Cost of ending inventory ($/ton)	-	-	-	-	71.98
Oil Data:					
Beginning balance	661,306	-	3,164,645	78,040	2,998,341
Gallons received during period	-	-	-	30,102	-
Miscellaneous use and adjustments	(7)	-	-	-	(3,826)
Gallons burned during period	5,444	-	-	30,102	162,970
Ending balance	655,855	-	3,164,645	78,040	2,831,545
Cost of ending inventory ($/gal)	2.11	-	2.80	2.74	1.88
Gas Data:					
Beginning balance	-	-	-	-	-
MCF received during period	-	4,449,913	2,855,342	-	12,239
MCF burned during period	-	4,449,913	2,855,342	-	12,239
Ending balance	-	-	-	-	-
Limestone/Lime Data:					
Beginning balance	-	-	-	-	12,218
Tons received during period	-	-	-	-	1,125
Inventory adjustments	-	-	-	-	-
Tons consumed during period	-	-	-	-	3,158
Ending balance	-	-	-	-	10,185
Cost of ending inventory ($/ton)	-	-	-	-	42.77

Notes:
Detail amounts may not add to totals shown due to rounding.
Schedule excludes in-transit, terminal and tolling agreement activity.
Gas is burned as received; therefore, inventory balances are not maintained.
The oil inventory data for Wayne reflects the common usage of the oil tank used for both Wayne and Lee units.

Description	Roxboro	Mayo	Brunswick	Blewett	Wayne County
Coal Data:					
Beginning balance	1,323,885	539,325	-	-	-
Tons received during period	106,377	50,441	-	-	-
Inventory adjustments	-	-	-	-	-
Tons burned during period	145,361	78,928	-	-	-
Ending balance	1,284,901	510,838	-	-	-
MBTUs per ton burned	25.74	25.50	-	-	-
Cost of ending inventory ($/ton)	81.48	80.67	-	-	-
Oil Data:					
Beginning balance	481,996	287,722	171,953	800,912	11,982,942
Gallons received during period	308,104	150,276	7,837	-	-
Miscellaneous use and adjustments	(7,517)	(4,229)	-	-	-
Gallons burned during period	305,084	187,298	-	3,806	-
Ending balance	477,499	246,471	179,790	797,106	11,982,942
Cost of ending inventory ($/gal)	1.90	1.87	2.74	2.34	2.41
Gas Data:					
Beginning balance	-	-	-	-	-
MCF received during period	-	-	-	-	96,211
MCF burned during period	-	-	-	-	96,211
Ending balance	-	-	-	-	-
Limestone/Lime Data:					
Beginning balance	107,921	19,835	-	-	-
Tons received during period	(3,856)	4,097	-	-	-
Inventory adjustments	-	-	-	-	-
Tons consumed during period	7,581	6,103	-	-	-
Ending balance	96,484	17,829	-	-	-
Cost of ending inventory ($/ton)	35.46	36.45	-	-	-

Duke Energy Progress
Fuel & Fuel-related Consumption and Inventory Report
March 2017

Description	Darlington	Smith Energy Complex	Harris	Current Month	Total 12 ME March 2017
Coal Data:					
Beginning balance	-	-	-	2,007,908	2,107,514
Tons received during period	-	-	-	205,304	4,440,772
Inventory adjustments	-	-	-	-	36,131
Tons burned during period	-	-	-	280,434	4,651,639
Ending balance	-	-	-	1,932,778	1,932,778
MBTUs per ton burned	-	-	-	25.52	25.19
Cost of ending inventory ($/ton)	-	-	-	80.60	80.60
Oil Data:					
Beginning balance	10,034,417	8,141,688	297,499	39,101,461	37,143,136
Gallons received during period	-	-	-	496,319	11,350,512
Miscellaneous use and adjustments	-	-	-	(15,579)	(277,187)
Gallons burned during period	-	85	-	694,789	9,329,049
Ending balance	10,034,417	8,141,603	297,499	38,887,412	38,887,412
Cost of ending inventory ($/gal)	2.36	2.32	2.74	2.36	2.36
Gas Data:					
Beginning balance	-	-	-	-	-
MCF received during period	9,277	6,992,365	-	14,415,347	164,405,110
MCF burned during period	9,277	6,992,365	-	14,415,347	164,405,110
Ending balance	-	-	-	-	-
Limestone/Lime Data:					
Beginning balance	-	-	-	139,974	155,043
Tons received during period	-	-	-	1,366	275,336
Inventory adjustments	-	-	-	-	(10,345)
Tons consumed during period	-	-	-	16,842	295,536
Ending balance	-	-	-	124,498	124,498
Cost of ending inventory ($/ton)	-	-	-	36.20	36.20

Schedule 7

DUKE ENERGY PROGRESS

ANALYSIS OF COAL PURCHASED

MARCH 2017

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ASHEVILLE	SPOT	1,739	$ 151,084	86.90
	CONTRACT	46,747	3,550,505	75.95
	ADJUSTMENTS	-	105,620	-
	TOTAL	48,486	3,807,209	78.52
MAYO	SPOT	-	-	-
	CONTRACT	50,441	3,943,757	78.19
	ADJUSTMENTS	-	125,050	-
	TOTAL	50,441	4,068,807	80.67
ROXBORO	SPOT	11,657	831,567	71.33
	CONTRACT	94,720	7,224,703	76.27
	ADJUSTMENTS	-	625,470	-
	TOTAL	106,377	8,681,739	81.61
ALL PLANTS	SPOT	13,396	982,651	73.35
	CONTRACT	191,908	14,718,964	76.70
	ADJUSTMENTS	-	856,140	-
	TOTAL	205,304	$ 16,557,756	$ 80.65

Schedule 8

DUKE ENERGY PROGRESS

ANALYSIS OF COAL QUALITY RECEIVED

MARCH 2017

STATION	PERCENT MOISTURE	PERCENT ASH	HEAT VALUE	PERCENT SULFUR
ASHEVILLE	6.27	10.46	12,476	1.63
MAYO	7.33	7.95	12,598	1.56
ROXBORO	6.77	8.46	12,719	2.13

Schedule 9

DUKE ENERGY PROGRESS

ANALYSIS OF OIL PURCHASED

MARCH 2017

	BRUNSWICK	MAYO	ROBINSON	ROXBORO
VENDOR	Selma Tank Farm	Greensboro Tank Farm and Selma Tank Farm	Selma Tank Farm	Greensboro Tank Farm and Selma Tank Farm
SPOT/CONTRACT	Contract	Contract	Contract	Contract
SULFUR CONTENT %	0	0	0	0
GALLONS RECEIVED	7,837	150,276	30,102	308,104
TOTAL DELIVERED COST	$ 19,562	$ 293,178	$ 81,619	$ 618,111
DELIVERED COST/GALLON	$ 2.50	$ 1.95	$ 2.71	$ 2.01
BTU/GALLON	138,000	138,000	138,000	138,000

Note:
Price adjustments of $1,414, $(3,311) and $296 for the Asheville, Harris and Wayne County stations, respectively, are excluded.

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2016 - March, 2017
Nuclear Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Brunswick 1	8,216,856	938	100.00	98.52
Brunswick 2	7,576,974	932	92.81	95.51
Harris 1	7,493,245	928	92.18	90.24
Robinson 2	5,746,228	741	88.52	86.95

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2016 through March, 2017
Combined Cycle Units

Unit Name		Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Lee Energy Complex	1A	1,269,760	196	73.94	84.23
Lee Energy Complex	1B	1,320,063	195	77.27	90.15
Lee Energy Complex	1C	1,272,152	197	73.64	87.04
Lee Energy Complex	ST1	2,414,881	378	72.85	81.69
Lee Energy Complex	Block Total	6,276,856	967	74.12	84.80
Richmond County CC	7	942,591	172	62.56	70.99
Richmond County CC	8	925,695	170	62.07	70.45
Richmond County CC	ST4	1,076,737	169	72.67	70.94
Richmond County CC	9	1,430,808	193	84.68	91.67
Richmond County CC	10	1,442,308	193	85.36	91.60
Richmond County CC	ST5	1,921,058	249	88.13	92.26
Richmond County CC	Block Total	7,739,197	1,146	77.09	82.73
Sutton Energy Complex	1A	1,439,909	198	83.00	94.70
Sutton Energy Complex	1B	1,458,491	198	84.08	95.92
Sutton Energy Complex	ST1	1,789,393	265	77.01	95.66
Sutton Energy Complex	Block Total	4,687,793	662	80.92	95.23

Notes:

- Effective January 2017, a change in capacity rating methodology could impact performance trending against historical results reported prior to January 2017.
- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2016 through March, 2017

Intermediate Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Mayo 1	2,060,395	735	32.01	88.58
Roxboro 2	2,553,927	672	43.40	95.29
Roxboro 3	2,346,656	694	38.61	92.22
Roxboro 4	1,928,804	703	31.30	92.37

Notes:

- Effective January 2017, a change in capacity rating methodology could impact performance trending against historical results reported prior to January 2017.
- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2016 through March, 2017
Other Cycling Steam Units

Unit Name		Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Asheville	1	709,380	190	42.57	81.80
Asheville	2	591,729	190	35.51	80.14
Roxboro	1	980,791	379	29.51	96.46

Notes:

- Effective January 2017, a change in capacity rating methodology could impact performance trending against historical results reported prior to January 2017.
- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2016 through March, 2017
Combustion Turbine Stations

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Asheville CT	203,916	343	89.40
Blewett CT	-10	59	98.97
Darlington CT	113,022	808	89.66
Richmond County CT	2,417,144	837	88.91
Sutton CT	-477	67	91.58
Wayne County CT	579,050	903	91.36
Weatherspoon CT	451	143	94.57

Notes:

- Effective January 2017, a change in capacity rating methodology could impact performance trending against historical results reported prior to January 2017.
- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2016 through March, 2017
Hydroelectric Stations

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Blewett	70,086	27.0	74.54
Marshall	5,535	4.0	33.93
Tillery	104,473	84.0	93.67
Walters	159,657	113.0	98.05

Notes:

- Effective January 2017, a change in capacity rating methodology could impact performance trending against historical results reported prior to January 2017.
- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.